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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOL. IV. No. 6 — McKEE PRINT — June 1956

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1956, averaged 59,933 barrels daily, an increase of 2,466 barrels from the average May production of 57,467.

The nine refineries in the State processed 71,976 barrels of crude oil daily for the month of June, 1956, an increase of 7,797 barrels daily from the 64,179 barrels processed daily during the month of May.

During June, 37 wells were completed, 22 oil, 0 gas wells and 15 dry holes.

During June, 1956, the Commission issued 47 permits to drill new wells, an increase of 4 from the 43 permits issued during May.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JUNE, 1956

IN STORAGE JUNE 1st:	
By Producers	294,724
By Transporters	626,668
By Refiners	672,136
TOTAL STORAGE	1,593,528
Produced in Montana During Month	1,798,004
Imported During Month	1,238,070
TOTALS	4,629,602
DISPOSITION:	
Refined in Montana	2,159,033
Exported	994,165
Used for Fuel or Lost	22,992
TOTALS	3,176,190
IN STORAGE JUNE 30th:	
By Producers	309,591
By Transporters	595,066
By Refiners	548,755
TOTAL STORAGE	1,453,412

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1956

Field	M Cu. Ft.
Bears Den	7,812
Bowdoin	42,008
Bowes	23,603
Box Elder	14,860
Cedar Creek	200,968
Cut Bank (Includes Reagan)	586,153
Devon	55,143
Dry Creek	106,453
Elk Basin	35,447
Golden Dome	13,201
Hardin	2,982
Keith Block	3,665
Kevin-Sunburst	46,662
Plevna	31,610
Utopia	2,809
Whitlash	35,006
Miscellaneous	21,387
TOTAL	1,229,769

Total Withdrawals for June, 1955, were 1,314,994 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF JUNE, 1956

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	636	3,058	.....	2,600	.....	1,094
1	Bannatyne	1	260	48	.....	142	.....	166
9	Big Wall	28	7,292	21,771	.....	22,686	87	6,290
2	Border	4	.....	548	.....	548	.....	.....
10	Bowes	74	3,673	28,327	25,077	.....	.....	6,923
....	Brady-Midway	.....	.....	.....	.....	.....	.....	.....
5	Bredette	5	4,758	12,231	6,693	3,273	.....	7,023
2	Brorson	3	1,853	2,831	2,853	.....	.....	1,831
1	Bynum	1	219	36	.....	.....	.....	255
1	Cabin Creek	23	6,537	128,727	125,749	.....	3,305	6,210
28	Cat Creek	89	3,900	12,982	12,702	.....	.....	4,180
2	Clark's Fork	2	539	6,414	.....	5,750	.....	1,203
2	Cupton	2	1,573	2,795	3,354	.....	29	985
335	Cut Bank	1,128	121,675	221,609	221,069	.....	18	122,197
3	Deer Creek	6	1,450	12,968	12,670	.....	.....	1,748
1	Devil's Basin	2	638	527	.....	698	37	430
6	Dry Creek	6	1,338	10,906	11,357	.....	.....	887
20	Elk Basin	58	6,803	176,842	175,235	.....	.....	8,410
2	Fertile Prairie	3	644	2,478	.....	1,757	.....	1,365
2	Frannie	2	266	989	1,003	.....	.....	252
1	Gage	1	641	193	.....	.....	.....	834
2	Gas City	8	1,788	29,131	26,206	.....	.....	4,713
6	Glendive	12	3,864	44,444	42,136	.....	.....	6,172
1	Golden Dome	1	770	536	.....	573	120	613
2	Ivanhoe	4	2,139	10,620	.....	10,709	.....	2,050
203	Kevin-Sunburst	1,388	16,366	84,410	85,406	.....	9	15,361
2	Lake Basin	2	1,143	387	.....	300	.....	1,230
1	Little Beaver	4	2,449	11,505	11,834	.....	192	1,928
2	East Little Beaver	2	1,986	2,056	2,460	.....	.....	1,582
2	Melstone	5	2,149	5,506	.....	5,061	.....	2,594
....	Mosser	.....	.....	.....	.....	.....	.....	.....
4	Pennel	10	3,225	27,416	26,480	.....	536	3,625
2	Pine	64	20,721	301,798	296,125	.....	5,368	21,026
72	Pondera	322	8,863	55,488	56,086	.....	.....	8,265
75	East Poplar	80	22,861	338,164	321,219	18,540	394	20,872
4	Northwest Poplar	5	1,407	2,536	.....	2,290	.....	1,653
2	Ragged Point	3	592	1,413	.....	936	.....	1,069
1	Rattlesnake Butte	1	325	764	.....	587	.....	502
3	Reagan	42	2,888	18,206	17,940	.....	.....	3,154
1	Repeat	1	938	3,718	3,561	.....	.....	1,095
4	Richey	8	3,333	11,853	.....	11,319	.....	3,867
....	Rudyard	.....	497	.....	.....	.....	43	454
2	Snyder	4	1,753	3,754	.....	3,502	.....	2,005
5	Soap Creek	14	3,307	17,895	.....	15,203	.....	5,999
1	Southwest Richey	3	995	6,322	.....	5,851	.....	1,466
17	Sumatra	55	13,292	125,623	125,521	1,964	88	11,342
4	Sweetgrass Hills	4	841	510	.....	635	.....	716
9	Whitlash	24	4,102	9,496	7,480	1,109	.....	5,009
1	Wibaux	1	986	729	.....	968	.....	747
7	Wolf Springs	13	5,383	36,516	.....	33,273	1,301	7,325
1	Woodrow	1	834	351	912	.....	.....	273
1	Yellowstone	1	232	577	.....	208	.....	601
871		3,524	294,724	1,798,004	1,621,128	150,482	11,527	309,591

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1955	15,654,426	42,889	15,526,471	42,538
First Quarter 1956	5,069,931	55,714	5,037,112	55,353
April, 1956	1,692,093	56,403	1,667,300	55,576
May, 1956	1,781,474	57,467	1,775,022	57,259
June, 1956	1,798,004	59,933	1,771,610	59,054

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December 31, 1955	298,039	575,486	575,324	1,448,849
March 31, 1956	289,876	576,594	500,893	1,367,363
April 30, 1956	299,780	653,801	732,173	1,685,754
May 31, 1956	294,724	626,668	672,136	1,593,528
June 30, 1956	309,591	595,066	548,755	1,453,412

*Includes Wyoming Oil

TRANSPORTER'S REPORT
MONTH OF JUNE, 1956

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Trucks			2,600				2,600		
BANNATYNE—Trucks			142			142			
BIG WALL—Trucks			22,686			12,082	10,604		
BORDER—Trucks			548			548			
BOWES—									
Trigood Oil Company	8,504	4,665			(49)		4,975		8,243
The Texas Company		20,412				20,412			
	8,504	25,077			(49)	20,412	4,975		8,243
BRORSON—Sun Oil Company		2,853					2,853		
CABIN CREEK AND OTHERS*—									
Butte Pipe Line Company	267,507	440,994		447,910			874,933		281,478
Shell Pipeline Corp.	6,096	44,118			489			47,271†	2,454
	273,603	485,112		447,910	489		874,933	47,271	283,932
CAT CREEK—									
Continental Pipeline Co.	9,411	8,750			(14)	11,150			7,025
Wm. Hanlon		3,952				3,952			
	9,411	12,702			(14)	15,102			7,025
CLARK'S FORK—Trucks			5,750			5,750			
CUT BANK—									
Big West Oil Company		6,347		17,054		23,401			
Darling Gathering System, Inc.	6,724	20,145				20,516			6,353
Phillips Petroleum Company	41,780	45,436			564	38,925		33,686	14,041
The Texas Pipeline Company	118,789	52,841		43,978	384	65,643		19,905	129,676
Toronto Pipeline Company	22,639	56,252			(4)			55,199	23,696
Union Oil Company	62,088	41,162		47,758	38	100,903			50,067
	252,020	222,183		108,790	982	249,388		108,790	223,833
DEVIL'S BASIN—Trucks			698			698			
DRY CREEK—Ohio Oil Company	10,210	11,357			6	10,528			11,033
ELK BASIN—Ohio Oil Company		175,235				124,265	50,970		
FERTILE PRAIRIE—Trucks			1,757				1,757		
FRANNIE—Ohio Oil Company		1,003					1,003		
GOLDEN DOME—Trucks			573				573		
GLENDIVE, DEER CREEK and WOODROW—									
The Texas Pipeline Company	5,976	55,822			88			55,363†	6,347
IVANHOE—Trucks			10,709			2,792	7,917		
KEVIN-SUNBURST									
Big West Oil Company	3,678	37,063				38,308			2,433
Homestake Oil & Gas Company	143	3,638				3,585			196
The Texas Pipeline Company	8,120	42,909		1,620	1,291	43,840			7,518
Anna Aronow	417	1,406						1,620	203
	12,358	85,016		1,620	1,291	85,733		1,620	10,350
LAKE BASIN—Trucks			300			300			
MELSTONE—Trucks	2,958		5,061			5,219			2,800
PONDERA—									
Phillips Petroleum Company	4,079	56,090			2,415	54,287			3,467
POPLAR and BREDETTE—									
East Poplar Gathering System	24,567	327,912			(368)			345,276†	7,571
Trucks			24,103				24,103		
	24,567	327,912	24,103		(368)		24,103	345,276	7,571
RAGGED POINT—Trucks	948		936		156	936			792
RATTLESNAKE BUTTE—Trucks			587			587			
REAGAN—Union Oil Company		17,940				17,940			
RICHEY—Trucks			11,319			11,319			
SNYDER—Trucks			3,502			634	2,868		
SOAP CREEK—Trucks			15,203			9,126	6,077		
SOUTHWEST RICHEY—Trucks			5,851			5,851			
SUMATRA—									
Powder River Pipeline Company	16,689	125,521			624	117,393			24,193
Trucks			1,964				1,964		
	16,689	125,521	1,964		624	117,393	1,964		24,193
SWEETGRASS HILLS—Trucks			635			635			
WHITLASH—									
Homestake Oil & Gas Company	2,596			6,561		8,300			857
Western Natural Gas Company	300	7,480			(30)			6,561	1,249
Trucks			1,109			1,109			
	2,896	7,480	1,109	6,561	(30)	9,409		6,561	2,106
WIBAUX—Trucks			968				968		
WOLF SPRINGS—Trucks	2,449		33,273			32,348			3,374
YELLOWSTONE—Trucks			208			208			
TOTALS	626,668	1,611,303	150,482	564,881	5,590	793,632	994,165	564,881	595,066

*Cabin Creek, Cupton, Gas City, Little Beaver, East Little Beaver, Pennel, Pine and Repeat Fields.
†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JUNE, 1956

Fields	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Bannatyne	.....	.....	.....	.....	.....	.....	142	.....	.....	.....	142
Big Wall	.....	.....	.....	.....	12,425	.....	.....	.....	.....	.....	12,425
Border	.....	.....	.....	.....	.....	.....	.....	1,744	.....	.....	1,744
Bowes	.....	.....	.....	18,415	.....	.....	.....	.....	.....	.....	18,415
Bredette	.....	.....	.....	.....	.....	.....	.....	1,435	.....	.....	1,435
Cat Creek	.....	.....	11,274	.....	.....	3,590	.....	.....	.....	.....	14,864
Clark's Fork	.....	.....	.....	.....	5,364	.....	.....	.....	.....	.....	5,364
Cut Bank	23,401	.....	.....	.....	.....	.....	38,893	96,185	.....	103,326	261,805
Devil's Basin	.....	.....	.....	.....	.....	.....	.....	.....	691	.....	691
Dry Creek	.....	.....	.....	.....	13,755	.....	.....	.....	.....	.....	13,755
Elk Basin	.....	85,906	38,359	.....	.....	.....	.....	.....	.....	.....	124,265
Ivanhoe	.....	.....	.....	.....	2,363	.....	.....	.....	.....	.....	2,363
Kevin-Sunburst	49,225	.....	.....	.....	.....	.....	.....	67,750	.....	.....	116,975
Lake Basin	.....	.....	.....	.....	297	.....	.....	.....	.....	.....	297
Melstone	.....	.....	.....	.....	.....	4,455	.....	.....	.....	.....	4,455
Pondera	.....	.....	.....	.....	.....	.....	57,123	.....	.....	.....	57,123
Ragged Point	.....	.....	.....	.....	1,060	.....	.....	.....	.....	.....	1,060
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,940	17,940
Richey	.....	.....	.....	.....	.....	.....	.....	25,750	.....	.....	25,750
Snyder	.....	.....	.....	.....	.....	.....	.....	.....	634	.....	634
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	3,849	.....	3,849
Sumatra	.....	.....	.....	.....	119,299	.....	.....	.....	.....	.....	119,299
Sweetgrass Hills	635	.....	.....	.....	.....	.....	.....	.....	.....	.....	635
Whitlash	.....	.....	.....	.....	.....	.....	.....	12,913	.....	1,109	14,022
Wolf Springs	.....	49,762	.....	.....	.....	.....	.....	.....	.....	.....	49,762
Yellowstone	.....	.....	.....	.....	297	.....	.....	.....	.....	.....	297
Total Montana Oil	73,261	135,668	49,633	18,415	154,860	8,045	96,158	205,777	5,174	122,375	869,366
Canadian Oil Imported	.....	.....	.....	3,563	.....	.....	.....	.....	.....	6,313	9,876
Wyoming Oil Imported	.....	638,004	251,679	.....	389,042	1,066	.....	.....	.....	.....	1,279,791
TOTAL Montana, Canadian and Wyoming Oil	73,261	773,672	301,312	21,978	543,902	9,111	96,158	205,777	5,174	128,688	2,159,033

AVERAGE BARRELS PER DAY

	Montana	Canada	South Dakota	Wyoming	TOTAL
Year, 1955	27,008	....	35	30,714	57,757
June, 1955	28,989	20	....	28,155	57,164
June, 1956	28,979	329	....	42,659	71,967

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	South Dakota	Wyoming
46.76%	.....	.06%	53.18%
50.71%	.04%	.....	49.25%
40.27%	.45%	.....	59.28%